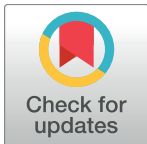


CORRECTION

Correction: Use of inverse modeling to evaluate CENTURY-predictions for soil carbon sequestration in US rain-fed corn production systems

Hoyoung Kwon, Carmen M. Ugarte, Stephen M. Ogle, Stephen A. Williams, Michelle M. Wander

[Table 3](#) appears incorrectly formatted in the published article. Please see the correct [Table 3](#) and its caption [here](#).



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Citation: Kwon H, Ugarte CM, Ogle SM, Williams SA, Wander MM (2017) Correction: Use of inverse modeling to evaluate CENTURY-predictions for soil carbon sequestration in US rain-fed corn production systems. PLoS ONE 12(3): e0173729. doi:10.1371/journal.pone.0173729

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Table 3. Parameters inversely estimated using the SCSOC. Parameter estimates, which were significantly different from zero (initial fraction of slow SOC) or unity (management effect) at $P < 0.05$, are reported as mean \pm standard error. NS indicates not significant from zero. Three levels of N fertilization were classified as low (≤ 100), mid (100–200), and high (≥ 200) kg N ha⁻¹ rates; two levels of OM addition were classified as mid (≤ 10) and high (≥ 10) t dry matter ha⁻¹ rates.

C input rates based on		Parameters estimated									
Sites		Initial slow SOC pool (fraction of total)									
		Lexington, KY	Urbana, IL	Lamberton, MN	Hoytville, OH	Wooster, OH	South Charleston, OH	East Lansing, MI	Nashua, IA	KBS, MI	Rodale, PA
Observed Yield		0.60±0.04	0.36 ±0.03	0.78±0.03	0.50±0.04	0.70±0.06	0.49±0.12	0.66±0.09	0.43±0.08	0.61 ±0.14	0.35±0.07
			0.66 ±0.02							0.65 ±0.16	
			0.36 ±0.02								
			0.56 ±0.02								
CENTURY modeled		0.54±0.04	0.27 ±0.04	0.69±0.03	0.35±0.03	0.51±0.05	0.35±0.03	0.51±0.05	0.27±0.06	0.46 ±0.13	0.29±0.06
			0.50 ±0.02							0.47 ±0.14	
			0.19 ±0.02								
			0.40 ±0.02								
N inputs		Management effect (unitless)									
		<i>ferteff</i>		<i>omeff</i>							
Observed Yield	Low	1.24 ±0.09									
	Mid	1.37 ±0.11	Mid	1.07±0.16 (NS)							
	High	1.59 ±0.08	High	1.26±0.23 (NS)							
CENTURY modeled	Low	1.34 ±0.11									
	Mid	1.74 ±0.16	Mid	2.10±0.28							
	High	2.19 ±0.13	High	2.02±0.38							

doi:10.1371/journal.pone.0173729.t001

Reference

1. Kwon H, Ugarte CM, Ogle SM, Williams SA, Wander MM (2017) Use of inverse modeling to evaluate CENTURY-predictions for soil carbon sequestration in US rain-fed corn production systems. PLoS ONE 12(2): e0172861. doi:10.1371/journal.pone.0172861 PMID: 28234992